

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1. (previously presented) A broadcast video image moving picture recording apparatus to record broadcast video moving picture image data, comprising:

- a receiver receiving broadcast video moving picture image data for viewing;
- a first digital data storage unit storing said received broadcast video moving picture image data according to a FIFO sequence;
- a second digital data storage unit storing an indicated video moving picture image data in said stored received broadcast image data of said first storage unit;
- indicating means comprising a time designation unit for indicating a time said video moving picture image data is to be played back and operated by a user;
- a control unit controlling said first storage unit so as to store said received broadcast video moving picture image, and for searching and reading said indicated video moving picture image data which have been stored in said first digital data storage unit, and storing the indicated video moving picture image data in said second digital data storage unit according to said time indication of said indicating means; and
- a storage table, separate from the first storage unit, to store a write time and a write address of the broadcast video moving picture image data in the first digital data storage unit, according to the control unit,

wherein said control unit stores the write address and the write time of said first digital data storage unit into said storage table whenever a predetermined amount of said received broadcast video moving picture image data is stored in said first digital data storage unit, searches a write address of said indicated video moving picture image data from said storage table according to the indicated time of said indicating means as indicated by the user, reads said indicated video moving picture image data according to said searched write address, and stores the read and indicated video moving picture image data having said predetermined amount in said second digital data storage unit.

2. (cancelled)

3. (previously presented) A broadcast video image recording apparatus according to claim 1, wherein said first digital data storage unit stores broadcast video image data in a plurality of channels which broadcast at a same time.

4.-9 (cancelled)

10. (previously presented) The broadcast video image recording apparatus according to claim 1, wherein said first digital data storage unit comprises a disk storage unit.

11. (previously presented) The broadcast video image recording apparatus according to claim 1, wherein said digital data second storage unit comprises a disk storage unit.

12. (previously presented) A broadcast video moving picture image recording apparatus to record broadcast video moving picture image data comprising:

a first random-access digital data storage unit storing received broadcast video moving picture image data according to a FIFO sequence;

a second digital data storage unit storing an indicated video moving picture image data in said stored received broadcast image data of said first random-access storage unit;

a time designation unit designating a time for indicating a time said video moving picture image data is to be played back and operated by a user;

a control unit controlling said first storage unit so as to store said received broadcast video moving picture image, searching and reading said indicated video moving picture image data which has been stored in said first random-access storage unit, and storing the indicated video moving picture image data in said second digital data storage unit at a time indicated for recording; and

a storage table, separate from the first random-access storage unit, to store a write time and a write address of the broadcast video moving picture image data in the first random-access digital data storage unit, according to the control unit,

wherein said control unit stores a write address and a write time of said first random-access digital data storage unit into the storage table whenever a predetermined amount of said received broadcast video moving picture image data is stored in said first random-access digital data storage unit, searches a write address of said indicated video moving picture image data from said storage table according to said indicated time of said time designation unit as

indicated by the user, reads said indicated video moving picture image data according to said searched write address, and stores the read and indicated video moving picture image data having said predetermined amount in said second digital data storage unit.

13. (cancelled)

14. (previously presented) The broadcast video image recording apparatus according to claim 12, wherein said first random-access digital data storage unit comprises a disk storage unit.

15.-21 (cancelled)

22. (previously presented) A broadcast video moving picture image recording apparatus comprising:

- a receiver receiving broadcast video moving picture image data for viewing;

- a first digital data storage unit storing said received video moving picture image data;

- a second digital data storage unit storing an indicated video moving picture image data in said stored received broadcast image data of said first digital data storage unit;

- indicating means for indicating a time said video moving picture image data is to be played back and operated by a user;

- a control unit controlling said first digital data storage unit so as to store said received broadcast video moving picture image, and for searching and reading said indicated video moving picture image data, which has been stored in said first digital data storage unit, and storing the indicated video moving picture image data in said second digital data storage unit according to said indication of said indicating means;

- a storage table, separate from the first digital data storage unit, to store a write time and a write address of the broadcast video moving picture image data in the first digital data storage unit, according to the control unit; and

- a second storage table to store a write address and a time of said second digital data storage unit,

- wherein said control unit stores the write address and the write time of said first digital data storage unit into said storage table whenever a predetermined amount of said received broadcast video moving picture image data is stored in said first digital data storage unit, searches a write address of said indicated video moving picture image data from said storage

table according to an indicated video moving picture image data of said indicating means as indicated by the user, reads said indicated video moving picture image data according to said searched write address, and stores the read and the indicated video moving picture image data having said predetermined amount in said second digital data storage unit by using said second storage table to write said read and indicated video moving picture image data in said second digital data storage unit immediately when storing said indicated video moving picture image data into said first digital data storage unit.

23. (previously presented) A broadcast video moving picture image recording apparatus comprising:

a receiver receiving broadcast video moving picture image data for viewing;

a first digital data storage unit storing said received video moving picture image data;

a second digital data storage unit storing an indicated video moving picture image data in said stored received broadcast video moving picture image data of said first digital data storage unit;

indicating means for indicating a time said video moving picture image data is to be played back and operated by a user; and

a control unit controlling said first digital data storage unit so as to store said received broadcast video moving picture image, and for searching and reading said indicated video moving picture image data which has been stored in said first digital data storage unit, and storing the indicated video moving picture image data in said second digital data storage unit according to said indication of said indicating means,

wherein said control unit reads said indicated video moving picture image data from said first digital data storage unit and writes said read and indicated video moving picture image data in said second digital data storage unit whenever a predetermined amount of said received broadcast video moving picture image data is stored in said first digital data storage unit according to said indication by the user of said indicating means while storing said indicated video moving picture image into said first digital data storage unit.

24. (previously presented) A broadcast video moving picture image recording apparatus comprising:

a receiver receiving broadcast video moving picture image data for viewing;

a first digital data storage unit storing said received video moving picture image data;

a second digital data storage unit storing an indicated video moving picture image data in said stored received broadcast moving picture image data of said first digital data storage unit;

indicating means for indicating a time said video moving picture image data is to be played back and operated by a user; and

a control unit controlling said first digital data storage unit so as to store said received broadcast video moving picture image, and for searching and reading said indicated video moving picture image data which has been stored in said first digital data storage unit, and storing the indicated video moving picture image data in said second digital data storage unit according to said indication by the user of said indicating means,

wherein said control unit simultaneously reads said indicated video moving picture image data of one title which has been stored in said first digital data storage unit among said indicated all video moving picture image data and writes said read video moving picture image data of the one title in said second digital data storage unit .

25. (previously presented) A broadcast video moving picture image recording apparatus to record broadcast video moving picture image data, comprising:

a first digital data storage unit storing broadcast video moving picture image data at all times;

a second digital data storage unit storing video moving picture image data to be played back;

indicating means indicating said video moving picture image data to be played back;

a control unit controlling searching said indicated video moving picture image data which has been stored in said first digital data storage unit, and storing the indicated video moving picture image data in said second digital data storage unit according to said indication of said indicating means; and

a storage table to store recording addresses and times of the broadcast video moving picture image data in the first digital data storage unit,

wherein said indicating means is operable to specify a start time for desired video moving picture image data into the first digital data storage unit, and said control unit obtains the recording address of said desired video moving picture image data by looking up in said storage table the start time indicated by said indicating means.